

Acetic Acid, Glacial  
BAKER ANALYZED® A.C.S. Reagent  
(Aldehyde Free)  
(Suitable for Cholesterol Determination)



Material No.: 9511-05  
Batch No.: 000096859  
Manufactured Date: 2014/10/06  
Expiration Date: 2018/10/05

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test   | Specification | Result   |
|--|---------------|----------|
| ACS - Assay (by GC, corrected for water)                     | >= 99.7 %     | 100.0    |
| ACS - Color (APHA)   | <= 10         | 6        |
| Dilution Test  | Passes Test   | PT       |
| ACS - Residue after Evaporation                              | <= 0.001 %    | < 0.001  |
| ACS - Acetic Anhydride ((CH <sub>3</sub> CO) <sub>2</sub> O) | <= 0.01 %     | < 0.01   |
| ACS - Chloride (Cl)  | <= 1 ppm      | < 1      |
| ACS - Sulfate (SO <sub>4</sub> )                             | <= 1 ppm      | < 1      |
| ACS - Substances Reducing Dichromate                         | Passes Test   | PT       |
| ACS - Substances Reducing Permanganate                       | Passes Test   | PT       |
| ACS - Titrable Base (meq/g)                                  | <= 0.0004     | < 0.0004 |
| ACS - Suitability for Cholesterol Determination              | Passes Test   | PT       |
| ACS - Acetaldehyde   | <= 0.005 %    | < 0.005  |
| Trace Impurities - ACS - Heavy Metals (as Pb)                | <= 0.5 ppm    | < 0.5    |
| Trace Impurities - ACS - Iron (Fe)                           | <= 0.200 ppm  | 0.010    |

For Laboratory, Research or Manufacturing Use

Storage Conditions: IMPORTANT: Material will freeze if stored below 17 °C (63°F).  
Country of Origin: US  
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004  
Paris, KY 9001:2008  
Mexico City, Mexico 9001:2008  
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003  
Gliwice, Poland 9001:2008, 17025:2005  
Selangor, Malaysia 9001:2008  
Dehradun, India, 9001:2008, 14001:2004, 13485:2003  
Mumbai, India, 9001:2008, 17025:2005  
Panoli, India 9001:2008

Richard M Siberski  
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600  
Avantor™ Performance Materials Inc.

3477 Corporate Parkway, Suite #200, Center Valley, PA 18034, U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610